OCCUPATIONAL OUTLOOK

ALAMEDA COUNTY 1997

A product of the California Cooperative Occupational Information System

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Oakland Private Industry Council and Local Partners
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College



OAKLAND PRIVATE INDUSTRY COUNCIL

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Our thanks go to over 250 Alameda County employers who contributed their time and information. These employers made this Outlook Report possible by answering questions on 23 different occupations.

We would also like to give special thanks to Ron Williams, Alameda County PIC Job Developer, for his assistance, and Tammie Kay Smith, Graphic Design Student at Chabot College, for her spirited work in drafting the cover for this report.

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Kyle Hornstein LMI Program Coordinator

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ABOUT THE CCOIS

The 1997 Alameda County Occupational Outlook Report is a product of the California Cooperative Occupational Information System (CCOIS), which has been active since 1986. Currently, 38 local agencies produce these reports. These reports contain information on occupations in 58 counties and all of California's labor force. No other source of occupational information offers the up-to-date local labor market focus that is found in this and other Occupational Outlook Reports.

Mission of the CCOIS

"To improve the match between employers' needs for skilled labor and the skills of the California workforce. This is accomplished by providing current localized occupational information that results in better labor decisions. These decisions are made by job seekers, employers, policy makers, legislators, training staff, students, educators, counselors, administrators and others who prepare people for, and help them to obtain work."

Project Coordination Staff:

The project was coordinated by staff of the Oakland Private Industry Council: Kyle Hornstein, Deborah Gums and Toni McElroy.

For Additional Information or to Order Additional Publications, Contact:

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Your Opinion Counts...

As a reader of the information contained in this report, your participation in completing the survey enclosed with this publication, is appreciated. Your response will help us ensure this publication continues to meet the needs of our customers. Thank You.

INTRODUCTION

The 1997 Occupational Outlook Report represents the sixth year of the Labor Market information Program in Alameda County. It is the objective of this report to inform both employers and job seekers of the current labor market trends in Alameda County.

Possible Uses For This Report:

Career Decisions: Career Counselors and job seekers can make informed occupational choices based on skills, abilities, interests, education and personal needs. The localized information in this report is easy to understand and includes employer requirements and preferences, wages and benefits, supply and demand assessments and more.

Curriculum Design: Training providers can assess and update their curriculum based on current employer needs and projected trends, as indicated in this report.

Program Planning: This report provides local planners and administrators with employment, training, and placement data, as well as occupational size and expected growth rates. Program planners can use this data to evaluate, improve, and eliminate programs, or to plan new programs.

Economic Development: Local government agencies and economic development organizations will find information on the labor pool, such as occupational size, expected growth rates, and wages, useful in determining the potential for business growth and development in our labor market area.

Program Marketing: Training providers can effectively market their programs by informing students, employers, and others that the chances for job placement are much greater, because their training programs are developed using reliable local occupational data.

Human Resource Management: Small business owners and large corporate human resource directors alike can use this report to help determine competitive wages and benefits, improve their recruitment methods and assess the availability of qualified workers for business relocation or expansion purposes.

About the Program Methods

Occupation Selection

The following process was used to select the occupations to be included in this report. Initial criteria were identified by the Oakland Private Industry Council (OPIC) staff to narrow down the list of occupations to be surveyed. The criteria were:

- The occupation has a substantial employment base in the county;
- There was a substantial number of projected job openings in the county;
- The potential salary level was \$7.00/hr. or more. (Some exceptions are included in this report.)

A preliminary list of occupations was developed and reviewed by vocational program operators, educational institutions, labor representatives, economic development organizations, members of the Private Industry Council, employers and the Labor Market Information Division (LMID). With input from these organizations, occupations were dropped and others added until a final list of occupations was selected.

Title & Definition of Occupations

An occupation has a name or title and a definition of a job that identifies the various activities and functions of a worker. The method for classifying jobs used in this program is the Occupational Employment Statistics (OES) classification system developed by the U.S. Department of Labor's Bureau of Labor Statistics (BLS) or the Dictionary of Occupational Titles (DOT) developed by the U.S. Department of Labor. BLS uses the OES classification system nationwide to study staffing patterns within industries. The DOT is used nationwide to properly match jobs with workers. Examples of occupational titles: Automotive Mechanics, Medical Secretaries and Film Editors.

Survey Sample Selection

After the occupations were selected and defined, an employer sample was developed for each occupation. One consideration in drawing up the employer sample was to identify the industry classification.

An industry title represents the economic activity in which a firm is engaged. Industries are classified according to the Standard Industrial Classification Manual. There are nine major industry classifications; some examples are agriculture, construction, manufacturing, and retail trade. Every firm in the state is classified in one or more of these detailed industry categories, according to the products or services they render.

LMID staff, using detailed data bases on employers and occupational staffing within industries, chose a representative sample of employers for each of the occupations. A Home Health Care worker would generally work for a firm classified in the health services category, whereas a Local Area Network Manager may be scattered across several industries—health services, retail trade, manufacturing, etc. This was considered for each occupation when establishing the sample of employers that would receive questionnaires. This sample was carefully reviewed by Oakland PIC staff and employers were added and deleted, as appropriate, to obtain a sample of 40 employers.

Questionnaire Development

A standard questionnaire was developed by LMID and used for all occupations.

Survey Procedures

The following illustrates OPIC's survey procedures:

- Employers were called to verify company name and address verify the existence of the occupation at the company, obtain the name of a contact person, describe the study and encourage participation. Employers were eliminated at this point if they did not employ in that occupation.
- Employers willing to participate in the survey were encouraged to complete the questionnaire during the initial contact by phone. If that was not a convenient time, employers willing to complete the questionnaire were called back at a time designated and/or sent a survey by mail or fax.
- Employers not responding after five working days of mailing a questionnaire were again contacted by phone to encourage them to return the questionnaire and again given the opportunity to complete the survey by telephone.
- All surveys were reviewed by the coordinator to ensure accuracy and completeness. Employers were contacted if the answer (s) were unclear or conflicted with other answers or information obtained about the occupation.
- If a sufficient number of responses could not be obtained in a reasonable time in order to secure a finalized list of up to 40 employees, additional employers were added to the list based on knowledge of local firms, the firms listed in the Yellow Pages, or the firms listed with the Chamber of Commerce.

Tabulation & Results

The survey responses were entered into a data base and tabulations were produced. From those tabulations, the data was analyzed and the final Occupational summaries were prepared. Each occupational summary provides information on training and hiring requirements; size of the occupation; employment trends; supply/demand assessments; wages and fringe benefits; and other information. Specific employer identification is and will remain confidential.

About the Occupational Summaries

The following descriptions are provided to explain each section of the occupational summaries. Occupations are listed alphabetically by their title. The Occupational Employment Statistic (OES) Code and number of responding firms are provided at the beginning of each summary.

When reference is made to "all", "almost all", "most", "many", "some", or "few", the following definitions apply.

All Employers 100% of the survey respondents

Almost All 80% up to but not including 100% of survey

respondents

Most 60% up to but not including 80% of survey

respondents

Many 40% up to but not including 60% of survey

respondents

Some 20% up to but not including 40% of survey

respondents

Few Less than 20%

DESCRIPTION

The titles and descriptions are based on the OES Dictionary published by the Bureau of Labor Statistics, May 1992, and by the U.S. Department of Labor, Employment and Training Administration, Fourth Edition.

EMPLOYER ASSESSMENTS

Job Qualifications

The basic skills, knowledge, abilities and certification described in this section are primarily from LMID library reference material. Computer related skills are from the surveyed employers.

Education of Most Recent Hires

In this section, the report categorizes the level of formal education held of the most recent hires indicated by responding employers in the designated occupation.

Experience & Other Requirements

This part of the report reflects employers' requirements for previous work experience and the degree to which they accept training as a substitute for experience.

RECRUITMENT METHODS

Sources

This section lists the sources that employers most frequently utilize in their recruitment efforts.

Vacancies Filled over last 12 Months

Here, employers were asked to report the source of job openings in the occupation over the last year.

EMPLOYMENT TRENDS

Alameda County Occupational Forecast 1994-2001

The forecast tables represented in this section were prepared by EDD. The tables indicate the employment level, growth rating and job openings by occupation in Alameda County over a seven year period. Also included is the average growth rate for all occupations in the county.

Size

The term used to describe the employment level of a particular occupation refers to its estimated number of workers in the occupation. Occupational size in Alameda County is measured on the following scale:

| Small | Less than 884 | | |
|------------|----------------|--|--|
| Medium | 885 - 1768 | | |
| Large | 1769 - 3830 | | |
| Very Large | More than 3830 | | |

Growth Rating

The standard terms used to describe the rate of growth for each occupation are as followed:

Much Faster than Average = 1.50 x average or more

Faster than Average = 1.10 to but not including 1.50 x average Average = 0.90 to but not including 1.10 x average

Slower than Average = Less than 0.90 x average

Job Openings

For each occupation, the job openings reported are a result of occupational growth.

Average Growth

The average growth rating for Alameda County illustrated for comparison to the occupational growth rating.

Employers' Forecast

In this section, employment levels in the occupation are assessed for the past year and for the next three years. Here, the employment levels are measured by decline, stability and growth.

Supply/Demand Assessments

The terms used in this section refer to the degree of difficulty employers experience when seeking fully experienced and qualified applicants, as well as inexperienced applicants (trained or untrained) who meet their hiring qualifications. The following terms illustrate the local supply and demand characteristics at the time of the survey:

Very Difficult Demand is considerably greater than the supply of qualified

applicants. Employers often cannot find qualified applicants

when an opening arises.

Somewhat Difficult Demand is somewhat greater than the supply of qualified

applicants. Employers may have some difficulty finding

qualified applicant when an opening arises.

A Little Difficult Supply is somewhat greater than the demand for qualified

applicants when employers look to fill openings.

Not Difficult Supply of qualified applicants is considerably greater than

demand, creating a very competitive job market for

applicants.

WAGES AND BENEFITS

Hourly Wages

The standard definition of wage data categories enables comparison of salary ranges across occupations. The ranges are based primarily on employer surveys and contracts with unions. Union wages are reported separately when union employment represents 20 percent or more of the surveyed employers. The wages reported are based on data collected from July 1997 through December 1997 and reflect the following categories:

Entry Level/No Experience The wages of persons trained or untrained,

but with no paid experience in the

occupation.

Experienced/New to Firm The starting wages paid to journey-level or

experienced workers newly hired at the firm.

3 + Years Experience with The wages generally paid to workers with at

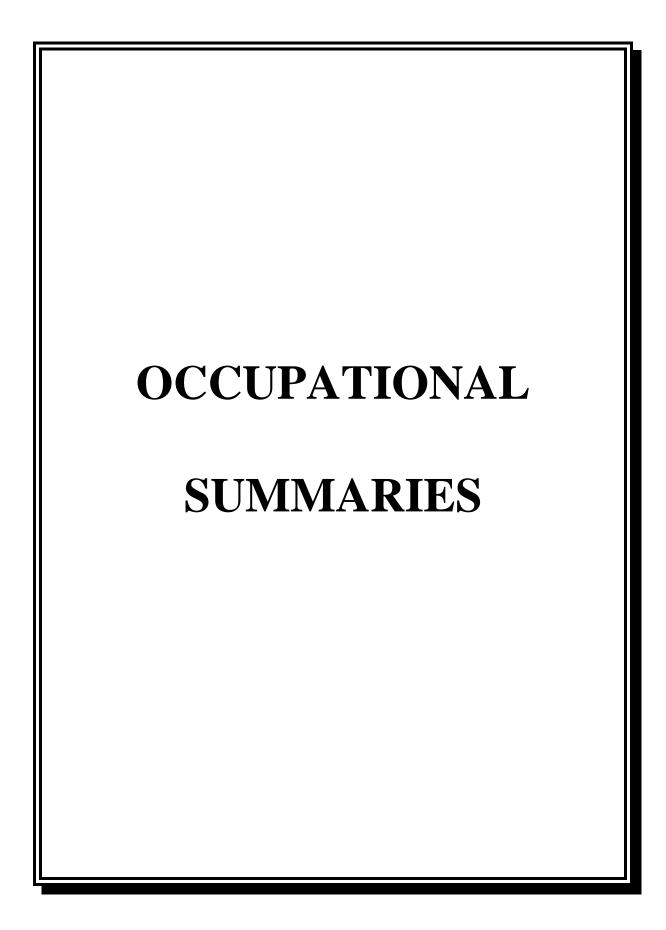
firm least three years journey-level experience at

the firm.

Included in this section are the hourly work week and promotional opportunities.

Benefits

Employee benefits for both full time and part time workers are represented in this section by the categories listed on page 5.



AUTOMOTIVE MECHANICS

OES CODE: 853020 11 FIRMS RESPONDING

DESCRIPTION

Automotive Mechanics adjust, repair, and overhaul automotive vehicles. They may be designated according to specialties, such as Brake Repairers, Transmission Mechanics, or Front-end Mechanics. This occupation does not include Auto Body Repairers, Bus and Truck Mechanics, Diesel Engine Specialists, and Electrical Systems Specialists.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: stand continuously for 2 or more hours, implement safe work practices and use service manuals

Skills In: problem solving, electronics, computer analysis

Possession Of: valid driver's license, good DMV driving record and mechanical aptitude

EDUCATION OF MOST RECENT HIRES

| 1 | High School or Equivalent | Most |
|----|-----------------------------|------|
| 2. | Some College, but no degree | Some |

EXPERIENCE & OTHER REQUIREMENTS

| Work Experience | Never 0% | Sometimes 0% | Usually 0% | |
|--------------------------|-------------|--------------|------------|----|
| Required | | | | |
| Training as a Substitute | 18% | 55% | 18% | 9% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads & Employee | Most |
|-------------------------------------------|------|
| Referrals | |
| In-House Promotion or Transfers | Many |
| Private School Referrals, Unsolicited and | Some |
| Public School or Program Referrals | |
| Private Employment Agencies, | Few |
| Employment Development Department | |
| (EDD). Union Hall Referrals and Other | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving | Many |
|------------------------|------|
| New Positions (Growth) | Some |
| Promotions & Temporary | Few |

Employers report a total of 23 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Large (1994 emp.3160) Growth Rating: Average (11.1%)

Job Openings: 350

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | None | Most | Some |
| during last year | | | |
| Employment level | None | Most | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 0% | 18% | 45% | 37% |
| Inexperienced | 33% | 0% | 67% | 0% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 7.00 - 10.00 | \$ 8.50 |
| Experienced/New to Firm | \$ 8.50 - 28.80 | \$ 13.00 |
| 3 + Years Experience with firm | \$ 10.00 - 28.80 | \$ 18.00 |

UNION

| | Kan | ige | Median |
|--------------------------------|----------|---------|----------|
| Entry Level/No Experience | \$ 11.06 | - 11.06 | \$ 11.06 |
| Experienced/New to Firm | \$ 11.87 | - 22.58 | \$ 15.65 |
| 3 + Years Experience with Firm | \$ 14.60 | - 23.08 | \$ 22.29 |

All employers report 40 hour work weeks. Few report part time positions averaging 16 hours per week.

Almost All employers provide promotional opportunities.

| | FT | PT |
|-------------------------------|------------|------|
| Medical Insurance & Paid | Almost All | None |
| Vacation | | |
| Vision Insurance & Dental | Most | None |
| Insurance and Retirement Plan | | |
| Life Insurance | Many | None |
| Paid Sick Leave | Some | None |
| Child Care | None | None |

CARPENTERS OES CODE: 871020 12 FIRMS RESPONDING

DESCRIPTION

Carpenters perform the carpentry duties necessary to make or repair wooden structures, structural members, and fixtures and equipment using carpentry tools and woodworking machines. This occupation does not include Cabinetmakers and Bench Carpenters.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: operate power hand tools, stand continuously for 2 or more hours, work independently, lift at least 50 lbs. repeatedly and perform strenuous, physically demanding work

Skills In: rough carpentry

Possession Of: reliable vehicle, auto insurance and agility and coordination

EDUCATION OF MOST RECENT HIRES

1.. High School or Equivalent All

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 9% | 33% | 58% |
| Required | | | | |
| Training as a Substitute | 25% | 42% | 25% | 8% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Union Hall Referrals | Many |
|--------------------------------------|------|
| Employee Referrals and EDD | Some |
| Newspaper Ads, Unsolicited and | Few |
| In-House Promotion or Transfers | |
| Private Employment Agencies, Public | None |
| School or Program Referrals, Private | |
| School Referrals and Other | |

VACANCIES FILLED OVER LAST 12 MONTHS

| New Positions (Growth) | Many |
|---------------------------------|------|
| Employees Leaving and Temporary | Some |
| Promotions | Few |

Employers report a total of 445 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Large (1994 emp. 2970)

Growth Rating: Average (11.8%)

Job Openings: 350

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | None | Many | Many |
| during last year | | | |
| Employment level | Few | Most | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 33% | 8% | 50% | 9% |
| Inexperienced | 40% | 30% | 20% | 10% |

WAGES/BENEFITS

UNION

| | Rar | ıge | Median |
|--------------------------------|----------|-----------|----------|
| Entry Level/No Experience | \$ 9.45 | - 20.50 | \$ 16.78 |
| Experienced/New to Firm | \$ 10.93 | - 25.50 | \$ 21.89 |
| 3 + Years Experience with Firm | \$ 22.00 | - 28.80 | \$ 24.93 |
| *90% of the employers reported | union wa | iges. Non | ı-Union |
| wages are somewhat lower. | | | |

Almost All employers report 40 hour work weeks. Some have part time positions averaging 23 hours per week. Few have seasonal positions averaging 33 hours per week.

Most employers provide promotional opportunities.

| | \mathbf{FT} | PT |
|----------------------------|---------------|------|
| Medical Insurance & Dental | Most | Few |
| Insurance, Paid Vacation | | |
| and Retirement Plan | | |
| Vision Insurance | Many | Few |
| Life Insurance | Many | None |
| Paid Sick leave | Some | Few |
| Child Care | None | None |

CONSTRUCTION MANAGERS

OES CODE: 150170 6 FIRMS RESPONDING

DESCRIPTION

Construction Managers plan, organize, direct, control, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems, including specialized construction fields, such as carpentry or plumbing. This occupation does not include general managers of large construction contracting firms.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: work independently, estimate costs and submit bids and follow purchasing procedures

Skills In: oral communication, report writing, word processing, spreadsheet and database

Understanding Of: construction terms and building codes

EDUCATION OF MOST RECENT HIRES

| 1 High School or Equivalent | Some |
|--------------------------------|------|
| 2. Some College, but no degree | Many |
| 3. Bachelor (4 Year) degree | Some |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 0% | 0% | 100% |
| Required | | | | |
| Training as a Substitute | 33% | 50% | 17% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| In-House Promotion or Transfers | Most |
|-------------------------------------|------|
| Employee Referrals | Many |
| Newspaper Ads, Unsolicited and | Some |
| Private Employment Agencies | |
| Union Hall Referrals | Few |
| Public School or Program Referrals, | None |
| Private School Referrals, EDD and | |
| Other | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving | Most |
|------------------------|------|
| New Positions (Growth) | Some |
| Promotions | Few |
| Temporary | None |

Employers report a total of 8 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Medium (1994 emp. 970)

Growth Rating: Much Faster Than Average (33%)

Job Openings: 320

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | None | Most | Some |
| during last year | | | |
| Employment level | None | Many | Many |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 33% | 17% | 17% | 33% |
| Inexperienced | 0% | 33% | 33% | 34% |

WAGES/BENEFITS

WAGES

| | Rar | ıge | Median |
|--------------------------------|----------|---------|----------|
| Entry Level/No Experience | \$ 14.38 | - 16.50 | \$ 15.44 |
| Experienced/New to Firm | \$ 17.50 | - 28.77 | \$ 22.93 |
| 3 + Years Experience with Firm | \$ 19.50 | - 35.96 | \$ 27.69 |

All employers report 40 hour work weeks.

Most employers provide promotional opportunities.

| | FT |
|----------------------------|------------|
| Medical, Dental and Vision | All |
| Insurance, Paid Vacation | |
| and Retirement Plan | |
| Paid Sick leave | Almost All |
| Life Insurance | Most |
| Child Care | None |

ELECTRICIANS OES CODE: 872020 8 FIRMS RESPONDING

DESCRIPTION

Electricians install, maintain, and repair wiring, electrical equipment, and fixtures. They insure that work is in accordance with relevant codes. They may read blueprints. This occupation includes Protective Signal Installers and Repairers and Street Light Servicers.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: use hands, arms and fingers, implement safe work practices, work in cramped confined spaces, ability to stand continuously for 2 or more hours, climb ladders, ability to use reference materials (e.g. hand books) and read and follow instructions.

Skills In: fiber optics

Understanding Of: electrical technology

Possession Of: good vision

EDUCATION OF MOST RECENT HIRES

1.. High School or Equivalent All

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 0% | 63% | 37% |
| Required | | | | |
| Training as a Substitute | 13% | 63% | 0% | 25% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads & Employee Referrals | Most |
|----------------------------------------|------|
| Unsolicited, Private School Referrals, | Some |
| EDD and Union Hall Referrals | |
| Private Employment Agencies, In-House | Few |
| Promotion or Transfers and Public | |
| School or Program Referrals | |
| Other | None |

VACANCIES FILLED OVER LAST 12 MONTHS

| New Positions (Growth) | Many |
|------------------------|------|
| Temporary | Some |
| Employees Leaving | Few |
| Promotions | None |

Employers report a total of 92 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Large (1994 emp. 2210) Growth Rating: Slower Than Average (9.5%)

Job Openings: 210

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Some | Most |
| during last year | | | |
| Employment level | None | Most | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 25% | 13% | 13% | 49% |
| Inexperienced | 50% | 0% | 50% | 0% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 8.00 - 10.50 | \$ 10.00 |
| Experienced/New to Firm | \$ 13.00 - 20.00 | \$ 17.00 |
| 3 + Years Experience with firm | \$ 17.00 - 25.00 | \$ 23.00 |

UNION

| | Ran | ge | | Med | dian |
|--------------------------------|-------------|----|-------|-----|-------|
| Experienced/New to Firm | \$ 25.40 | - | 30.74 | \$ | 29.75 |
| 3 + Years Experience with Firm | \$ 25 40 | _ | 35.00 | \$ | 31.67 |

50% of the employers report union wages. None of the Union Employers hire inexperienced workers.

All employers report 40 hour work weeks.

Most employers provide promotional opportunities.

| | FT |
|--------------------------------|------|
| Medical & Dental Insurance | All |
| Vision Insurance & Retirement | Most |
| Plan | |
| Life Insurance & Paid Vacation | Many |
| Paid Sick Leave | Some |
| Child Care | None |

FILM EDITORS OES CODE: 340320 8 FIRMS RESPONDING

DESCRIPTION

Film editors edit motion picture film and sound tracks.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Skills In: word processing, desktop publishing, Unix, web publishing, digital video processing

Understanding Of: computer systems, color theory and correction and computer editing systems

EDUCATION OF MOST RECENT HIRES

| 1 | High School or Equivalent | Few |
|----|-----------------------------|------|
| 2. | Some College, but no degree | Few |
| 3. | Bachelor (4 Year) degree | Most |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 25% | 25% | 50% |
| Required | | | | |
| Training as a Substitute | 25% | 63% | 12% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Other (Trade Journals, Web Sites) | Most |
|--------------------------------------|------|
| Employee Referrals | Some |
| Newspaper Ads, Unsolicited, In-House | Few |
| Promotion or Transfers and Union | |
| Hall Referrals | |
| Private Employment Agencies, Public | None |
| School or Program Referrals, Private | |
| School Referrals and EDD | |

VACANCIES FILLED OVER LAST 12 MONTHS

| New Positions (Growth) | Many |
|------------------------|------|
| Temporary | Some |
| Employees Leaving | Few |
| Promotions | None |

Employers report a total of 6 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Data Unavailable
Growth Rating: Data Unavailable
Job Openings: Data Unavailable

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Many | Some |
| during last year | | | |
| Employment level | None | Some | Most |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 24% | 38% | 0% | 38% |
| Inexperienced | 25% | 25% | 13% | 37% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|-------------------|------------|
| Entry Level/No Experience | \$ 8.00 - 11.5 | 1 \$ 9.75 |
| Experienced/New to Firm | \$ 9.00 - 31.2 | 5 \$ 14.21 |
| 3 + Years Experience with firm | \$ 9.00 - 37.5 | 0 \$ 17.00 |

UNION

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 10.00 - 31.25 | \$ 20.63 |
| Experienced/New to Firm | \$ 12.00 - 75.00 | \$ 43.50 |
| 3 + Years Experience with Firm | \$ 15.00 - 93.75 | \$ 54.38 |

Most employers report 40 hour work weeks. Many report temporary positions averaging 17 hours per week. Some report part time positions averaging 38 hours per week.

Many employers do **not** provide promotional opportunities.

| | FT | PT |
|-------------------------------|------|------|
| Medical Insurance & Paid | All | None |
| Vacation | | |
| Paid Sick Leave | Many | None |
| Dental Insurance & Retirement | Some | None |
| Plan | | |
| Life & Vision Insurance and | None | None |
| Child Care | | |

FOOD SERVICE MANAGERS

OES CODE: 150261 17 FIRMS RESPONDING

DESCRIPTION

Food Service Managers plan, organize, direct, control or coordinate activities of an organization or department that serves food and/or beverages. This occupation includes Food and Beverage Directors.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: work nights, weekends and holidays, do shift work, work under pressure, manage an activity or department, plan and organize the work of others, motivate others, read and follow instructions, manage a multicultural workforce, stand continuously for 2 or more hours and work independently

Skills In: oral communication, personal cleanliness, customer service, public contact, record keeping and problem solving

EDUCATION OF MOST RECENT HIRES

| 1 | High School or Equivalent | Most |
|----|---------------------------|------|
| 2. | College but no Degree | Few |
| 3. | Bachelor (4 Year) Degree | Some |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 6% | 29% | 6% | 59% |
| Required | | | | |
| Training as a Substitute | 41% | 41% | 6% | 12% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Employee Referrals | Almost All |
|--------------------------------------|------------|
| Newspaper Ads | Most |
| In-House Promotion or Transfers and | Some |
| Other | |
| Private Employment Agencies, Public | Few |
| School or Program Referrals, Private | |
| School Referrals and Employment | |
| Development Department | |
| Unsolicited and Union Hall Referrals | None |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving and New Positions | Most |
|-------------------------------------|------|
| (Growth) | |
| Promotions and Temporary | None |

Employers report a total of 15 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Medium (1994 emp. 950)

Growth Rating: Much Faster Than Average (35.8%)

Job Openings: 340

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|----------------|---------------|------|
| Employment level | None | Most | Some |
| during last year | | | |
| Employment level | None | Some | Most |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 18% | 0% | 65% | 17% |
| Inexperienced | 47% | 6% | 47% | 0% |

WAGES/BENEFITS

WAGES

| | Range | Median | | |
|--------------------------------|-----------------|----------|--|--|
| Entry Level/No Experience | \$5.15 - 13.90 | \$ 9.75 | | |
| Experienced/New to Firm | \$ 5.50 - 26.85 | \$ 13.43 | | |
| 3 + Years Experience with firm | \$ 7.00 - 30.69 | \$ 15.34 | | |

UNION

| | Ra | Median | |
|--------------------------------|---------|---------|----------|
| Entry Level/No Experience | \$ 9.59 | - 9.59 | \$ 9.59 |
| Experienced/New to Firm | \$ 9.21 | - 19.18 | \$ 12.29 |
| 3 + Years Experience with Firm | \$ 9.59 | - 21.58 | \$13.59 |

Almost All employers report 40 hour work weeks.

Most employers provide promotional opportunities.

| | rı |
|---------------------------------|------------|
| Medical Insurance | All |
| Paid Vacation | Almost All |
| Dental & Life Insurance and | Most |
| Paid Sick Leave | |
| Vision Insurance and Retirement | Many |
| Plan | |
| Child Care | Few |

HELPERS- CARPENTERS AND RELATED OES CODE: 983120 9 FIRMS RESPONDING

DESCRIPTION

Carpenters' Helpers and Related Workers help Carpenters or carpentry related craft workers by performing duties of lesser skill. Their duties include supplying or holding materials or tools and cleaning work area and equipment. This occupation does not include apprentice workers or construction or maintenance laborers who do not primarily assist Carpenters or carpentry related craft workers.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: implement safe work practices, tolerate noise and dust, follow oral instructions, work independently, use and read a tape measure, use hand tools, read and follow instructions and lift at least 50 lbs. repeatedly

EDUCATION OF MOST RECENT HIRES

1.. High School or Equivalent All

EXPERIENCE & OTHER REQUIREMENTS

| | | Sometimes | • | • |
|--------------------------|-----|-----------|-----|-----|
| Work Experience | 11% | 33% | 33% | 23% |
| Required | | | | |
| Training as a Substitute | 33% | 44% | 11% | 11% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Employee Referrals | Most |
|------------------------------------|------|
| Unsolicited, In-House Promotion or | Some |
| Transfers and EDD | |
| Newspaper Ads Union Hall Referrals | Few |
| Private School Referrals, Private | None |
| Employment Agencies, Public School | |
| or Program Referrals and Other | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Temporary | Most |
|-----------------------------------|------|
| New Positions (Growth), Employees | Few |
| Leaving and Promotions | |

Employers report a total of 18 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 520)

Growth Rating: Much Faster Than Average 23.1%)

Job Openings: 120

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Most | Few |
| during last year | | | |
| Employment level | None | Many | Many |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 22% | 11% | 44% | 23% |
| Inexperienced | 44% | 22% | 22% | 12% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 7.00 - 8.00 | \$ 8.00 |
| Experienced/New to Firm | \$ 8.00 - 18.00 | \$ 10.00 |
| 3 + Years Experience with firm | \$ 10.00 - 25.00 | \$ 15.00 |

UNION

| | Rar | ıge | • | Med | dian |
|--------------------------------|-------------|-----|-------|-----|-------|
| Entry Level/No Experience | \$ 8.00 | - | 9.59 | \$ | 9.29 |
| Experienced/New to Firm | \$ 9.00 | - | 28.00 | \$ | 14.86 |
| 3 + Years Experience with Firm | \$ 15.00 | - | 39.00 | \$ | 21.10 |

44% of the employers report union wages

Almost All employers report 35-40 hour work weeks. Few report part time positions averaging 33 hours per week, as well as temporary positions averaging 32 hour per week.

Many employers provide promotional opportunities.

| | FT | PT |
|---------------------------------|------|------|
| Medical Insurance | All | None |
| Life Insurance & | Most | None |
| Dental Insurance | Many | None |
| Vision Insurance, Paid Vacation | Some | None |
| and Retirement Plan | | |
| Child Care & Paid Sick Leave | None | None |

HOME HEALTH CARE WORKERS

OES CODE: 660110 9 FIRMS RESPONDING

DESCRIPTION

Home Health Care Workers care for elderly, convalescent, or handicapped persons in the homes of their patients. They perform duties for patients such as changing bed linen, preparing meals, assisting in and out of bed, bathing, dressing, grooming, and assisting with medications that are self-administered. This occupation includes Certified Home Health Aides, Certified Nurse Assistants caring for patients in their homes, and uncertified Home Health Care Workers.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: be reliable and honest, show patience and understanding, care for elderly persons, take vital signs, work independently, read labels and instructions, apply common sense, deal effectively with difficult individuals, handle crisis situations and read and follow instruction

Skills In: word processing, oral communication, listening

EDUCATION OF MOST RECENT HIRES

| Less Than High School | Few |
|-------------------------------------------|------------|
| 2 High School or Equivalent | Almost All |
| 3. Some College, but no degree | Few |
| 4. Associate (2 Year) degree | Few |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 0% | 44% | 56% |
| Required | | | | |
| Training as a Substitute | 33% | 44% | 23% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Employee Referrals and Newspaper Ads | Most |
|----------------------------------------|------|
| In-House Promotions or Transfers and | Many |
| EDD | |
| Public School or Program Referrals and | Some |
| Unsolicited | |
| Other | Few |
| Union Hall Referrals, Private School | None |
| Referrals, Private Employment Agencies | ; |

VACANCIES FILLED OVER LAST 12 MONTHS

| New Positions (Growth | Many |
|--------------------------------|-------------------------------|
| Employees Leaving | Some |
| Promotions and Temporary | Few |
| Employers report a total of 78 | new positions this past year. |

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Medium (1994 emp. 920)

Growth Rating: Much Faster Than Average 32.6%)

Job Openings: 300

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Some | Some | Many |
| during last year | | | |
| Employment level | None | Some | Most |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 11% | 0% | 56% | 33% |
| Inexperienced | 20% | 0% | 80% | 0% |

WAGES/BENEFITS

WAGES

| | Ran | ge | | M | edian |
|--------------------------------|------------|----|-------|----|-------|
| Entry Level/No Experience | \$ 5.50 | - | 8.50 | \$ | 7.25 |
| Experienced/New to Firm | \$ 6.50 | - | 14.50 | \$ | 8.50 |
| 3 + Years Experience with firm | \$ 7.00 | _ | 18.00 | \$ | 10.00 |

Almost All employers report 40 hour work weeks. Most report temporary positions averaging 20 hours per week. Some report part time positions averaging 20 hours per week.

Many employers provide promotional opportunities.

| | FT | PT |
|----------------------------|------------|------|
| Medical Insurance | All | Most |
| Dental & Vision Insurance | Almost All | Most |
| Paid Sick Leave & Vacation | Most | Most |
| Life Insurance | Most | Many |
| Retirement Plan | Many | Some |
| Child Care | None | None |
| | | |

HOTEL DESK CLERKS OES CODE: 538080 15 FIRMS RESPONDING

DESCRIPTION

Hotel Desk Clerks accommodate hotel patrons by registering and assigning rooms to guests, issuing room keys, transmitting and receiving messages, keeping records of rooms occupied and guests accounts, making and confirming reservations, and presenting statements to and collecting payments from departing guests.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability to: read and follow instructions, work nights, weekends and holidays, stand continuously for 2 or more hours, handle crisis situations, work under pressure and independently

Skills in: word processing, database, oral communication, customer service, public contact, grooming, cash handling and basic math

EDUCATION OF MOST RECENT HIRES

| Less than High School | Few |
|----------------------------|------|
| High School or equivalent | Most |
| Some College but no degree | Some |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 7% | 80% | 13% | 0% |
| Required | | | | |
| Training as a Substitute | 7% | 53% | 13% | 27% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads | Almost All |
|---------------------------------------|------------|
| Employee Referrals | Many |
| In-House Promotions or Transfers | Many |
| Unsolicited, Public School or Program | Some |
| Referrals, Private Schools, | |
| Employment Development Dept. | |

and Other

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving Promotions and New Positions | Most Some |
|---------------------------------------------------|--------------|
| (Growth) | _ |
| Temporary | Few |

Employers report 55 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 350)
Growth Rating: Faster Than Average (14.3%)

Job Openings: 50

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | None | Most | Many |
| during last year | | | |
| Employment level | None | Many | Many |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 7% | 7% | 40% | 47% |
| Inexperienced | 27% | 13% | 33% | 27% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|-----------------|---------|
| Entry Level/No Experience | \$ 5.00 - 8.54 | \$ 7.00 |
| Experienced/New to Firm | \$ 6.00 - 10.00 | \$ 8.00 |
| 3 + Years Experience with firm | \$ 8.00 - 15.00 | \$ 9.54 |

Most employers report 40 hour work weeks. Many also have part time positions averaging 23 hours.

Almost all employers report promotional opportunities.

| | FT | PT |
|--------------------------------|------------|------|
| Medical Insurance and Paid | Almost All | Few |
| Vacation | | |
| Dental Insurance and Paid Sick | Most | Few |
| Leave | | |
| Life Insurance | Most | None |
| Vision Insurance | Some | None |
| Retirement Plan | Few | None |
| Child Care | None | None |

HUMAN SERVICE WORKERS

OES CODE: 273080 15 FIRMS RESPONDING

DESCRIPTION

Human Service Workers assist Social Group Workers and Caseworkers with developing, organizing and conducting programs to prevent and resolve problems relevant to substance abuse and human relationships. They provide services to families and clients where the nature of the problem, or relationships involved is less complex or serious by helping them obtain information on the use of social and community related services. They may also recommend additional services. This occupation does not include Registered Counselors and Psychiatric Technicians.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: read and follow directions, think logically, write effectively and work independently

Skills In: word processing, problem solving and oral communication

Knowledge of: Information and referral resources and the differences in a variety of cultures

EDUCATION OF MOST RECENT HIRES

| 1. | High School or equivalent | Few |
|----|----------------------------|------|
| 2. | Some College but no degree | Few |
| 3. | Bachelor (4 year) degree | Most |
| 4. | Graduate Study | Few |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 7% | 33% | 60% |
| Required | | | | |
| Training as a Substitute | 13% | 60% | 20% | 7% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads | All |
|---------------------------------------|------|
| Employee Referrals | Most |
| In-House Promotions or Transfers | Many |
| and Other | |
| Unsolicited, Public School or Program | Some |
| Referrals, Private Schools and EDD | |
| Private Employment Agencies | Few |

VACANCIES FILLED OVER LAST 12 MONTHS

| VACANCIES FILLED OVER LAST 12 MONTHS | | | |
|--------------------------------------------------------------|------|--|--|
| Employees Leaving | Many | | |
| Promotions and New Positions (Growth) | Some | | |
| Temporary | Few | | |
| Employers report a total of 56 new positions this past year. | | | |

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 500)

Growth Rating: Much Faster Than Average (34%)

Job Openings: 170

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | None | Most | Some |
| during last year | | | |
| Employment level | None | Some | Most |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 13% | 40% | 33% | 14% |
| Inexperienced | 33% | 20% | 40% | 7% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 7.50 - 14.27 | \$ 11.43 |
| Experienced/New to Firm | \$ 8.75 - 16.06 | \$ 13.19 |
| 3 + Years Experience with firm | \$ 10.00 - 20.00 | \$ 15.00 |

Almost all employers report 40 hour work weeks. Some have part time positions averaging 26 hours per week. Few have temporary or on-call positions averaging 15 hours per week.

Almost all employers report promotional opportunities.

| | \mathbf{FT} | PT |
|------------------------------|---------------|------|
| Medical and Dental Insurance | Almost All | Some |
| Paid Sick Leave and Paid | Almost All | Many |
| Vacation | | |
| Vision and Life Insurance | Most | Some |
| Retirement Plan | Many | Some |
| Child Care | Few | None |

LOAN OFFICERS AND COUNSELORS

OES CODE: 211080 11 FIRMS RESPONDING

DESCRIPTION

Loan Officers and Counselors evaluate, authorize, or recommend approval of commercial or real estate loans and credit loans or advise borrowers on financial status and methods of payments. This occupation may include Mortgage Loan Officers or Agents, Collection Analysts, and Loan Servicing Officers.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: work independently, apply sales techniques, think logically and read and follow instructions

Skills In: word processing, spreadsheet, public contact, customer service and problem solving

EDUCATION OF MOST RECENT HIRES

| 1 | High School or Equivalent | Some |
|----|-----------------------------|------|
| 2. | Some College, but no degree | Some |
| 3. | Bachelor (4 Year) degree | Many |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 9% | 18% | 73% |
| Required | | | | |
| Training as a Substitute | 55% | 36% | 0% | 9% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads | All |
|-------------------------------------------|------------|
| Employee Referrals | Almost All |
| In-House Promotions or Transfers | Most |
| Private Employment Agencies | Many |
| Private School Referrals, Unsolicited and | Some |
| EDD | |
| Public School or Program Referrals | Few |
| Union Hall Referrals and Other | None |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving | Many |
|-------------------------------------|------|
| New Positions (Growth) & Promotions | Some |
| Temporary | None |

Employers report a total of 30 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp.720)

Growth Rating: Slower Than Average (4.2%)

Job Openings: 30

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------------|
| Employment level | Few | Many | Many |
| during last year | | | |
| Employment level | None | Few A | Almost All |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 9% | 9% | 55% | 27% |
| Inexperienced | 0% | 20% | 40% | 40% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 7.19 - 17.26 | \$ 10.55 |
| Experienced/New to Firm | \$ 9.38 - 20.19 | \$ 16.11 |
| 3 + Years Experience with firm | \$ 11.93 - 37.85 | \$ 17.64 |

Almost All employers report 40 hour work weeks. Some report part time positions averaging 18 hours per week.

Almost All employers provide promotional opportunities.

| | FT | PT |
|-----------------------------|------------|------|
| Medical & Dental Insurance | All | Some |
| Vision Insurance, Paid Sick | Almost All | Some |
| Leave & Vacation and | | |
| Retirement Plan | | |
| Life Insurance | Most | Few |
| Child Care | None | None |

LOCAL AREA NETWORK MANAGERS

NON-OES CODE: 031262998 7 FIRMS RESPONDING

DESCRIPTION

Local Area Network (LAN) Managers determine how to integrate a department's specific needs into the overall system, maintaining the internal network of PCs, workstations, printers, scanners, and databases. They direct the firm's computer environment, including computer hardware systems, software, applications software, and all configurations. They may make recommendations regarding the purchase of equipment and report the fiscal impact to company managers. They also monitor data communications networks to ensure that networks are available to all systems users and resolve data communications problems.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Skills In: word processing, spreadsheet, database, desktop publishing, Net administration, network security and maintenance

Knowledge Of: Unix, TCP/IP, LAN software and Windows 95

EDUCATION OF MOST RECENT HIRES

Bachelor (4 Year) degree All

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 14% | 0% | 86% |
| Required | | | | |
| Training as a Substitute | 57% | 43% | 0% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads & In-House Promotions | Most |
|--------------------------------------|------|
| or Transfers | |
| Employee Referrals and EDD | Many |
| Private Employment Agencies, Public | Some |
| School or Program Referrals, Private | |
| School Referrals and Other | Few |
| Unsolicited and Union Hall Referrals | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving | Some |
|-------------------------------------|------|
| New Positions (Growth) & Promotions | Some |
| Temporary | None |

Employers report a total of 78 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Data Unavailable
Growth Rating: Data Unavailable
Job Openings: Data Unavailable

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | None | Many | Many |
| during last year | | | |
| Employment level | None | Many | Many |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 14% | 0% | 57% | 29% |
| Inexperienced | 50% | 25% | 25% | 0% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Experienced/New to Firm | \$ 13.17 - 38.36 | \$ 23.97 |
| 3 + Years Experience with firm | \$ 16.33 - 43.15 | \$ 27.33 |

None of the employers hire inexperienced workers.

All employers report an average 39 hour work week.

Many employers provide promotional opportunities.

| | FT |
|------------------------------|------------|
| Medical & Dental Insurance, | All |
| Paid Vacation and Retirement | |
| Plan | |
| Paid Sick Leave | Almost All |
| Vision & Life Insurance | Most |
| Child Care | None |

MAIDS AND HOUSEKEEPING CLEANERS

OES CODE: 670020 16 FIRMS RESPONDING

DESCRIPTION

Maids and Housekeeping Cleaners perform any combination of tasks to maintain rooms in commercial establishments, such as hotels, restaurants and hospitals, in a clean and orderly condition. Their duties include making beds, replenishing linens, cleaning rooms and halls, and arranging furniture.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: Follow oral instructions, stand for prolonged periods and work independently

EDUCATION OF MOST RECENT HIRES

| 1. Less than High School | Few |
|-------------------------------|------------|
| 2. High School or equivalent | Almost All |
| 3. Some College but no degree | Few |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 6% | 50% | 25% | 19% |
| Required | | | | |
| Training as a Substitute | 13% | 69% | 13% | 6% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Employee Referrals | Almost All |
|----------------------------------------|------------|
| Newspaper Ads and EDD | Many |
| Private Employment Agencies, | Some |
| Unsolicited, In-House Promotions | |
| or Transfers, Public School or Program | |
| Referrals and Private Schools | |
| Union Halls and Other | Few |

VACANCIES FILLED OVER LAST 12 MONTHS

| New Positions (Growth), Promotions and | Some |
|----------------------------------------|------|
| Employees Leaving | |
| Temporary | None |

Employers report a total of 60 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Large (1994 emp. 2850) Growth Rating: Slower Than Average (8.4%)

Job Openings: 240

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Many | Many |
| during last year | | | |
| Employment Level | None | Most | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 56% | 19% | 25% | 0% |
| Inexperienced | 63% | 13% | 25% | 0% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|-----------------|----------|
| Entry Level/No Experience | \$ 5.25 - 11.00 | \$ 6.13 |
| Experienced/New to Firm | \$ 6.00 - 11.00 | \$ 7.00 |
| 3 + Years Experience with firm | \$ 6 50 - 14 00 | \$ 10.00 |

UNION

| | Rang | e | Median | |
|------------------------------------------|-----------|-------|----------|--|
| Entry Level/No Experience | \$ 6.00 - | 12.63 | \$ 10.22 | |
| Experienced/New to Firm | \$ 6.80 - | 13.18 | \$ 11.78 | |
| 3 + Years Experience with firm | \$ 7.40 - | 14.33 | \$ 13.63 | |
| 50% of the firms report union employees. | | | | |

Almost all employers report 40 hour work weeks as well as part time positions averaging 25 hours per week. Few had temporary and seasonal positions averaging 28 and 30 hours per week respectively.

Most employers report promotional opportunities.

| | FT | PT |
|-------------------------------|------------|------|
| Medical and Dental Insurance, | Almost All | Some |
| Paid Sick Leave and Paid | | |
| Vacation | | |
| Vision and Life Insurance and | Most | Some |
| Retirement Plan | | |
| Child Care | Few | None |

MANAGEMENT ANALYSTS OES CODE: 219050 12 FIRMS RESPONDING

DESCRIPTION

Management Analysts review, analyze, and suggest improvements to business and organizational systems to assist management in operating with greater efficiency and effectiveness. They conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals. This occupation does not include Computer Systems Analysts.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: work independently, be self motivated and disciplined, get along with others, and creatively develop solutions

Skills In: spreadsheet, word processing, database, presentation and oral & written communication

EDUCATION OF MOST RECENT HIRES

| 1 High School or Equivalent | Few |
|-----------------------------|------|
| 2 Bachelor (4 Year) Degree | Many |
| 3. Graduate Study | Some |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 8% | 8% | 17% | 67% |
| Required | | | | |
| Training as a Substitute | 50% | 50% | 0% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads | Almost All |
|------------------------------------------|------------|
| Employee Referrals | Most |
| Private Employment Agencies & Other | Many |
| In-House Promotions or Transfers, Public | Some |
| School or Program Referrals, Private | |
| School Referrals, Internet Hotline | |
| and EDD | |
| Unsolicited | Few |

VACANCIES FILLED OVER LAST 12 MONTHS

| New Positions (Growth) | Many |
|--------------------------|------|
| Employees Leaving | Some |
| Promotions and Temporary | Few |

Employers report a total of 31 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 470)

Growth Rating: Much Faster Than Average (23.4%)

Job Openings: 110

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Sta | ble Grow |
|-------------------|---------|------------|------------|
| Employment level | None | Few | Almost All |
| during last year | | | |
| Employment level | Few | Some | Many |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 8% | 42% | 42% | 8% |
| Inexperienced | 60% | 10% | 20% | 10% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|-----------------|----------|
| Entry Level/No Experience | \$ 5.75 - 14.38 | \$ 14.38 |
| Experienced/New to Firm | \$ 7.50 - 71.92 | \$ 19.59 |
| 3 + Years Experience with firm | \$10.00 - 81.51 | \$ 27.91 |

All Employers report 40 hour work weeks. Some have part time positions averaging 29 hours per week.

Most employers provide promotional opportunities.

| | FT | PT |
|-------------------------------|------------|------|
| Medical Insurance & Paid | Almost All | Few |
| Vacation | | |
| Dental Insurance | Almost All | Some |
| Life Insurance & Paid Sick | Most | |
| Sick Leave | | |
| Vision Insurance & Retirement | Many | Few |
| Plan | | |
| Child Care | None | Few |

OCCUPATIONAL THERAPISTS

OES CODE: 323050 15 FIRMS RESPONDING

DESCRIPTION

Occupational Therapists plan, organize, and participate in a medically oriented occupational program in hospitals or similar institutions to rehabilitate patients who are physically or mentally ill.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: relate to patients, work as part of a team, work independently, read and follow instructions, exercise patience, conduct training programs and be empathetic and adaptable

Skills In: oral communication, word processing and spreadsheet

Registration In: Occupational Therapy and the American Occupational Therapy Association

EDUCATION OF MOST RECENT HIRES

| 1 Bachelor (4 Year) degree | Almost All |
|----------------------------|------------|
| 2. Graduate Study | Few |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 20% | 40% | 40% |
| Required | | | | |
| Training as a Substitute | 20% | 73% | 0% | 7% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Employee Referrals & Newspaper Ads | Almost All |
|----------------------------------------|------------|
| In-House Promotions or Transfers | Many |
| Public Schools or Program Referrals | Some |
| and Employment Development Dept. | |
| Private Employment Agencies, | Few |
| Unsolicited, Private School Referrals, | |
| Union Halls and Other | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving and Temporary | Many |
|---------------------------------------|------|
| Promotions and New Positions (Growth) | Few |

Employers report a total of 18 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 190)

Growth Rating: Much Faster Than Average (31.6%)

Job Openings: 60

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Most | Few |
| during last year | | | |
| Employment level | Few | Many | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 27% | 27% | 40% | 6% |
| Inexperienced | 43% | 29% | 21% | 7% |

WAGES/BENEFITS

WAGES

| | Kan | ıge | Median |
|--------------------------------|----------|---------|----------|
| Entry Level/No Experience | \$ 10.00 | - 40.00 | \$ 20.00 |
| Experienced/New to Firm | \$ 9.24 | - 60.00 | \$ 21.58 |
| 3 + Years Experience with firm | \$ 10.79 | - 65.00 | \$ 23.01 |

Almost all employers report 40 hour work weeks. Many have part time positions averaging 22 hours per week. Some have temporary positions averaging 9 hours per week.

Many employers provide promotional opportunities.

| | FT | PT |
|-----------------------------|------------|------|
| Medical Insurance and Paid | All | Some |
| vacation | | |
| Dental Insurance, Paid Sick | Almost All | Some |
| Leave and retirement Plan | | |
| Vision & Life Insurance | Most | Some |
| Child Care | Few | None |

OPTICIANS - DISPENSING AND MEASURING OES CODE: 325140 18 FIRMS RESPONDING

DESCRIPTION

Opticians design, measure, fit and adapt lenses and frames for clients according to written optical prescriptions or specifications. They assist clients with selecting frames according to style and color, measure customers for size of eyeglasses, and coordinate frames with facial and eye measurements and optical prescription. In addition, they prepare work orders for optical laboratories containing instructions for grinding and mounting lenses in frames, verify the exactness of finished lens spectacles, adjust frame and lens position to fit clients, and shape or reshape frames. This occupation includes Contact Lens Opticians.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: Accurately record and report information, exercise patience, read and follow instructions and suggest frames to fit customers' facial features

Skills In: word processing, public contact, oral communication, grooming and eye-hand coordination

EDUCATION OF MOST RECENT HIRES

| 1. High School or equivalent | Almost |
|----------------------------------------|--------|
| 2. Some College, but no degree | Few |
| 3. Associate (2 Year) Degree, Bachelor | Few |
| (4 Year) Degree & Graduate Study | |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 44% | 39% | 17% |
| Required | | | | |
| Training as a Substitute | 17% | 61% | 11% | 11% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Employee Referrals & Newspaper Ads | Most |
|--------------------------------------|------|
| Public Schools or Program Referrals, | Some |
| Unsolicited Applicants, In-House | |
| Promotions or Transfers, Private | |
| School Referrals and EDD | |
| Private Employment Agencies, Union | Few |
| Halls and Other | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving | Almost All |
|---------------------------------------------|--------------------|
| Promotions, New Positions (Growth) and | Few |
| Temporary | |
| Employers report a total of 62 new position | is this past year. |

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 340)
Growth Rating: Slower Than Average (8.8%)

Job Openings: 30

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Most | Some |
| during last year | | | |
| Employment level | None | Some | Most |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 17% | 6% | 33% | 44% |
| Inexperienced | 35% | 12% | 41% | 12% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|-----------------|----------|
| Entry Level/No Experience | \$ 6.00 - 10.11 | \$ 7.00 |
| Experienced/New to Firm | \$ 7.00 - 12.00 | \$ 10.00 |
| 3 + Years Experience with firm | \$10.00 - 17.26 | \$ 12.50 |

Almost all employers report 40 hour work weeks. Most have part time positions averaging 22 hours per week. Few also have temporary and seasonal positions averaging 8 and 40 hours per week respectively.

Most employers report promotional opportunities.

| FT | PT |
|------------|----------------------------------|
| Almost All | Few |
| | |
| Most | Few |
| | |
| Many | Few |
| Some | |
| Some | None |
| None | None |
| | Almost All Most Many Some Some |

PARALEGAL PERSONNEL OES CODE: 283050

OES CODE: 283050 15 FIRMS RESPONDING

DESCRIPTION

Paralegal Personnel assist lawyers by doing research in the preparation of lawsuits and/or legal documents as a career professional, usually having either a four-year college degree or a degree from an institute specializing in the paralegal profession. They may gather research data for use as evidence to formulate defense or to initiate legal action.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: Meet deadlines, pay attention to detail, write effectively, work as part of a team, work under pressure, read and follow instructions, use good business English, work independently and read and comprehend information quickly

Skills In: word processing, database, English grammar, spelling and punctuation, oral communication skills, analytical thinking and organizational skills

EDUCATION OF MOST RECENT HIRES

| 1. | Bachelor (4 year) degree | Almost All |
|----|----------------------------|------------|
| 2. | Some College but no degree | Few |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 27% | 33% | 40% |
| Required | | | | |
| Training as a Substitute | 13% | 67% | 13% | 7% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads | Most |
|----------------------------------------|------|
| Employee Referrals, Private Employment | Many |
| Agencies and In-House Promotions or | |
| Transfers, | |
| Public Schools or Program Referrals | Some |
| and Private Schools | |
| EDD Union halls and Other | None |

VACANCIES FILLED ONER LAST 12 MONTHS

| Employees Leaving | Most |
|-----------------------------------|------|
| New Positions (Growth), Temporary | Few |
| Positions and Promotions | |

Employers report a total of 36 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 380) Growth Rating: Faster Than Average (21.1%)

Job Openings: 80

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|----------------|---------------|------|
| Employment level | Some | Many | Some |
| during last year | | | |
| Employment level | Few | Most | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 47% | 20% | 27% | 6% |
| Inexperienced | 29% | 36% | 14% | 21% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|---------------|--------------|
| Entry Level/No Experience | \$ 10.89 - 15 | .24 \$ 12.28 |
| Experienced/New to Firm | \$ 10.00 - 20 | .52 \$ 15.00 |
| 3 + Years Experience with firm | \$ 12.44 - 22 | .71 \$ 19.18 |

Almost all employers report an average 38 hour work week. Few have part time positions averaging 25 hours per week as well as seasonal positions averaging 40 hours per week.

Most employers do **not** offer promotional opportunities.

| | FT |
|---------------------------|------------|
| Medical, Dental, and Life | Almost All |
| Insurance, Paid Vacation | |
| and Sick Leave and | |
| Retirement Plan | |
| Vision Insurance | Many |
| Child Care | None |

PAYROLL AND TIMEKEEPING CLERKS

OES CODE: 553410 15 FIRMS RESPONDING

DESCRIPTION

Payroll and Timekeeping Clerks compute wages and post wage data to payroll records and/or keep a daily record showing time of arrival and departure from work of employees. They compute earnings from timesheets and work tickets using a calculator. They operate posting machines to compute and subtract deductions. They enter net wages on earnings record cards, check stubs, and payroll sheets.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: read and follow instructions, perform detailed clerical work and write legibly

Skills In: word processing, spreadsheet, database, basic math, payroll processing, data entry and record keeping

EDUCATION OF MOST RECENT HIRES

| 1. | High School or Equivalent | Many |
|----|-----------------------------|------|
| 2. | Some College, but no degree | Some |
| 3. | Bachelor (4 Year) degree | Some |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 7% | 27% | 20% | 47% |
| Required | | | | |
| Training as a Substitute | 0% | 87% | 13% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads | Almost All |
|--------------------------------------|------------|
| Employee Referrals, Unsolicited and | Some |
| In-House Promotion or Transfer | |
| Private Employment Agencies, Public | Few |
| School or Program Referrals, Private | |
| School Referrals, EDD, Union Halls | |
| and Other | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving | Almost All |
|--------------------------|------------|
| New Positions (Growth) | Few |
| Promotions and Temporary | None |

Employers report a total of 7 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Medium (1994 emp. 940) Growth Rating: Slower Than Average (2.1%)

Job Openings: 20

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Almost All | Few |
| during last year | | | |
| Employment level | None | Almost All | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 27% | 33% | 40% | 0% |
| Inexperienced | 38% | 31% | 15% | 15% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|-----------------|----------|
| Entry Level/No Experience | \$ 6.00 - 12.50 | \$ 9.00 |
| Experienced/New to Firm | \$ 7.00 - 18.22 | \$ 12.00 |
| 3 + Years Experience with firm | \$ 8.00 - 21.58 | \$ 15.00 |

Almost all employers report 40 hour work weeks.

Most employers report promotional opportunities.

| | FT |
|------------------------------|------------|
| Medical & Dental Insurance, | Almost All |
| Paid Sick Leave and Vacation | |
| Vision Insurance | Most |
| Life Insurance | Most |
| Retirement Plan | Many |
| Child Care | Few |

PROPERTY AND REAL ESTATE MANAGERS AND ADMINISTRATORS

OES CODE: 150110 16 FIRMS RESPONDING

DESCRIPTION

Property and Real Estate Managers and Administrators plan, organize, direct, control, or coordinate real estate property management, purchase, sales and leasing activities. Their work involves management of buildings or properties, management of real estate buying and selling activities for clients or employers, and management of rented or leased housing units, buildings, or land (including rights-of-way). This occupation does not include workers whose duties are not primarily managerial or who are engaged primarily in direct buying or selling of real estate.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: Work independently, read and follow instructions, maintain financial records, write legibly and handle credit and collections

Skills In: word processing, spreadsheet, database, bookkeeping public contact, problem solving and oral communication

EDUCATION OF MOST RECENT HIRES

| 1. | High School or Equivalent | Few |
|----|-----------------------------|------|
| 2. | Some College, but no degree | Some |
| 3. | Bachelor (4 Year) degree | Most |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 6% | 19% | 19% | 56% |
| Required | | | | |
| Training as a Substitute | 30% | 38% | 13% | 19% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads, In-House Promotions | Many |
|---------------------------------------|------|
| or Transfers and Employee Referrals | |
| Private Employment Agencies and Other | Some |
| Unsolicited, Private Schools, EDD, | Few |
| Union Halls and | |
| Public Schools or Program Referrals | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving | Many |
|-------------------------------------|------|
| New Positions (Growth) & Promotions | Some |
| Temporary | None |

Employers report a total of 13 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Medium (1994 emp. 890)

Growth Rating: Average (11.2%)

Job Openings: 100

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Most | Few |
| during last year | | | |
| Employment level | Few | Most | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 25% | 0% | 31% | 44% |
| Inexperienced | 45% | 9% | 19% | 27% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|-----------------|----------|
| Entry Level/No Experience | \$ 4.89 - 12.00 | \$ 6.88 |
| Experienced/New to Firm | \$ 6.90 - 47.95 | \$ 14.69 |
| 3 + Years Experience with firm | \$ 7.48 - 62.33 | \$ 18.59 |

Almost all employers report 40 hour work weeks.

Most employers do **no**t provide promotional opportunities.

| | \mathbf{FT} |
|-------------------------|---------------|
| Medical Insurance, Paid | Almost All |
| Vacation and Sick leave | |
| Dental Insurance | Most |
| Life Insurance | Many |
| Retirement Plan | Many |
| Vision Insurance | Some |
| Child Care | None |
| | |

SOCIAL WORKERS-MEDICAL AND PSYCHIATRIC

OES CODE: 273020 15 FIRMS RESPONDING

DESCRIPTION

Medical and psychiatric Social Workers counsel and aid individuals and families with problems that may arise during or following the recovery from physical or mental illness by providing supportive services designed to help the persons understand, accept, and follow medical recommendations. This occupation includes Chemical Dependency Counselors.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: handle crisis situations, work independently and treat substance abuse

Skills In: oral communication and word processing

EDUCATION OF MOST RECENT HIRES

| 1. Some College, but no degree | Few |
|--------------------------------|------|
| 2 Bachelor (4 Year) degree | Few |
| 3. Graduate Study | Most |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 6% | 27% | 67% |
| Required | | | | |
| Training as a Substitute | 27% | 67% | 6% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Almost All |
|------------|
| Most |
| Many |
| Some |
| |
| |
| Few |
| None |
| |

VACANCIES FILLED OVER LAST 12 MONTHS

| Employees Leaving and New | Many |
|---------------------------|------|
| Positions (Growth) | |
| Promotions and Temporary | Few |

Employers report a total of 67 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 870)
Growth Rating: Faster Than Average (13.8%)

Job Openings: 120

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Many | Many |
| during last year | | | |
| Employment level | Few | Some | Most |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 7% | 47% | 33% | 13% |
| Inexperienced | 56% | 22% | 22% | 0% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 9.46 - 30.00 | \$ 11.51 |
| Experienced/New to Firm | \$ 11.51 - 35.00 | \$ 14.70 |
| 3 + Years Experience with firm | \$ 11.99 - 37.50 | \$ 16.62 |

UNION

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 13.78 - 17.12 | \$ 15.45 |
| Experienced/New to Firm | \$ 14.50 - 20.64 | \$ 17.12 |
| 3 + Years Experience with Firm | \$ 15.75 - 22.35 | \$ 18.16 |

Almost all employers report 40 hour work weeks. Most have part time positions averaging 20 hours per week. Some have temporary positions averaging 14 hours per week.

Almost All employers provide promotional opportunities.

| | FT | PT |
|-------------------------------|------------|------|
| Medical & Dental Insurance | All | Most |
| and Paid Vacation | | |
| Paid Sick Leave | Almost All | Most |
| Life Insurance and Retirement | Most | Many |
| Plan | | |
| Vision Insurance | Many | Many |
| Child Care | Few | None |

SYSTEMS ANALYSTS - ELECTRONIC DATA PROCESSING

OES CODE: 251020 11 FIRMS RESPONDING

DESCRIPTION

Systems Analysts - Electronic Data Processing, analyze business, scientific, and technical problems for application to electronic data processing systems. This occupation does not include persons working primarily as engineers, mathematicians, programmers, or scientists.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: write, edit, and debug computer programs, make decisions, interpret data, work independently and read and follow instructions

Skills In: word processing, spreadsheet, database, Unix, problem solving and interpersonal relations

EDUCATION OF MOST RECENT HIRES

| 1 | High School or Equivalent | Few |
|----|---------------------------|------|
| 2. | Associate (2 Year) degree | Many |
| 3. | Bachelor (4 Year) degree | Many |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 0% | 9% | 91% |
| Required | | | | |
| Training as a Substitute | 64% | 36% | 0% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads | Almost All |
|----------------------------------------|------------|
| In-House Promotions or Transfers | Most |
| Employee Referrals | Many |
| Private Employment Agencies, EDD | Some |
| and Other | |
| Private School Referrals, Unsolicited, | Few |
| Public School or Program Referrals | |
| and Union Hall Referrals | |

VACANCIES FILLED OVER LAST 12 MONTHS

| Temporary | Many |
|-------------------------------------|------|
| Promotions & New Positions (Growth) | Some |
| Employees Leaving | None |

Employers report a total of 10 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Medium (1994 emp1680)

Growth Rating: Much Faster Than Average (63.1%)

Job Openings: 1060

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | Few | Most | Some |
| during last year | | | |
| Employment level | None | Most | Some |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 18% | 0% | 45% | 37% |
| Inexperienced | 67% | 0% | 33% | 0% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 14.38 - 14.38 | \$ 14.38 |
| Experienced/New to Firm | \$ 14.38 - 50.00 | \$ 23.91 |
| 3 + Years Experience with firm | \$ 16.78 - 80.00 | \$ 29.07 |

Almost All employers report 40 hour work weeks.

Almost All employers provide promotional opportunities.

| | FT |
|-----------------------------------|------------|
| Medical Insurance & Paid Vacation | All |
| Dental Insurance, Paid Sick Leave | Almost All |
| & Retirement Plan | |
| Life Insurance | Most |
| Vision Insurance | Many |
| Child Care | None |

UNDERWRITERS OES CODE:211020 9 FIRMS RESPONDING

DESCRIPTION

Underwriters review individual applications for insurance to evaluate degree of risk involved and determine acceptance of applications.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: interpret policy coverage, pay attention to detail and think logically, read and follow instructions and work independently

Skills In: word processing, database, spreadsheet, oral communication and customer service

EDUCATION OF MOST RECENT HIRES

| 1 High School or Equivalent | Most |
|--------------------------------|------|
| 2. Some College, but no degree | Some |

EXPERIENCE & OTHER REQUIREMENTS

| | Never | Sometimes | Usually | Always |
|--------------------------|-------|-----------|---------|--------|
| Work Experience | 0% | 0% | 67% | 33% |
| Required | | | | |
| Training as a Substitute | 11% | 56% | 22% | 11% |
| for Work Experience | | | | |

RECRUITMENT METHODS

| Newspaper Ads | Most |
|---------------------------------------|------|
| Private Employment Agencies, Employee | Many |
| Referrals and In-House Promotions or | |
| Transfers | |
| Other | Few |
| Unsolicited, Public School or Program | None |
| Referrals, Private School Referrals, | |
| EDD and Union Hall Referrals | |

VACANCIES FILLED OVER LAST 12 MONTHS

| New Positions (Growth) | Most |
|------------------------|------|
| Employees Leaving | Some |
| Promotions | Few |
| Temporary | None |

Employers report a total of 16 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Small (1994 emp. 330)
Growth Rating: Slower Than Average (3.0%)

Job Openings: 10

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain Stable | Grow |
|-------------------|---------|---------------|------|
| Employment level | None | Many | Many |
| during last year | | | |
| Employment level | None | Many | Many |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 11% | 11% | 56% | 22% |
| Inexperienced | 44% | 0% | 44% | 12% |

WAGES/BENEFITS

WAGES

| | Range | Median |
|--------------------------------|------------------|----------|
| Entry Level/No Experience | \$ 10.96 - 13.43 | \$ 12.36 |
| Experienced/New to Firm | \$ 10.23 - 21.31 | \$ 15.34 |
| 3 + Years Experience with firm | \$ 13.30 - 32.88 | \$ 20.59 |

Almost All employers report an average 39 hour work week.

Many employers provide promotional opportunities.

| | FT |
|-----------------------------|------------|
| Medical Insurance | All |
| Paid Sick Leave & Vacation | Almost All |
| Dental & Life Insurance and | Most |
| Retirement Plan | |
| Vision Insurance | Many |
| Child Care | None |

WAITERS AND WAITRESSES OES CODE: 650080 16 FIRMS RESPONDING

DESCRIPTION

Waiters and Waitresses serve food and /or beverages to patrons at tables. They usually take orders from patrons and make out the check. Their duties may include setting tables with linen and silverware and taking payment from patrons. They may serve customers at counters as well as at tables. This occupation does not include workers who only work at counters.

EMPLOYER ASSESSMENTS

JOB QUALIFICATIONS

Ability To: work nights, weekends and holidays, work under pressure and follow oral instructions

Skills In: interpersonal relations, public contact, grooming, oral communication and point of sale computer systems

EDUCATION OF MOST RECENT HIRES

| 1. | High School or Equivalent | Some |
|----|-----------------------------|------|
| 2. | Some College, but no degree | Most |
| 3. | Bachelor (4 Year) degree | Few |

EXPERIENCE & OTHER REQUIREMENTS

| Work Experience | Never 0% | Sometimes 31% | Usually 25% | Always 44% |
|--------------------------|----------|---------------|-------------|---------------|
| Required | | | | |
| Training as a Substitute | 25% | 56% | 19% | 0% |
| for Work Experience | | | | |

RECRUITMENT METHODS

Employee Referrals & Newspaper Ads
In-House Promotions or Transfers
Unsolicited, EDD, Private Employment
Agencies, Public Schools or Program
Referrals, Private School Referrals and
Other

Almost All
Many
Few

VACANCIES FILLED OVER LAST 12 MONTHS

| Temporary | Most |
|------------------------|------|
| Employees Leaving and | Few |
| New Positions (Growth) | |
| Promotions | None |

Employers report a total of 458 new positions this past year.

EMPLOYMENT TRENDS

ALAMEDA COUNTY OCCUPATIONAL FORECAST 1994-2001

Size: Very Large (1994 emp. 8360)

Growth Rating: Much Faster Than Average (21.2%)

Job Openings: 1770

Average growth for all occupations in Alameda County: 12.3%

EMPLOYERS' FORECAST

| | Decline | Remain St | able Grow |
|-------------------|---------|-----------|------------|
| Employment level | None | Some | Most |
| during last year | | | |
| Employment level | None | Few | Almost All |
| over next 3 years | | | |

SUPPLY/DEMAND ASSESSMENTS

How difficult is it to find applicants?

| | Not | A Little | Somewhat | Very |
|---------------|-----|----------|----------|------|
| Experienced | 13% | 25% | 44% | 19% |
| Inexperienced | 62% | 8% | 23% | 7% |

WAGES/BENEFITS

TOTAL COMPENSATION FROM WAGES & TIPS

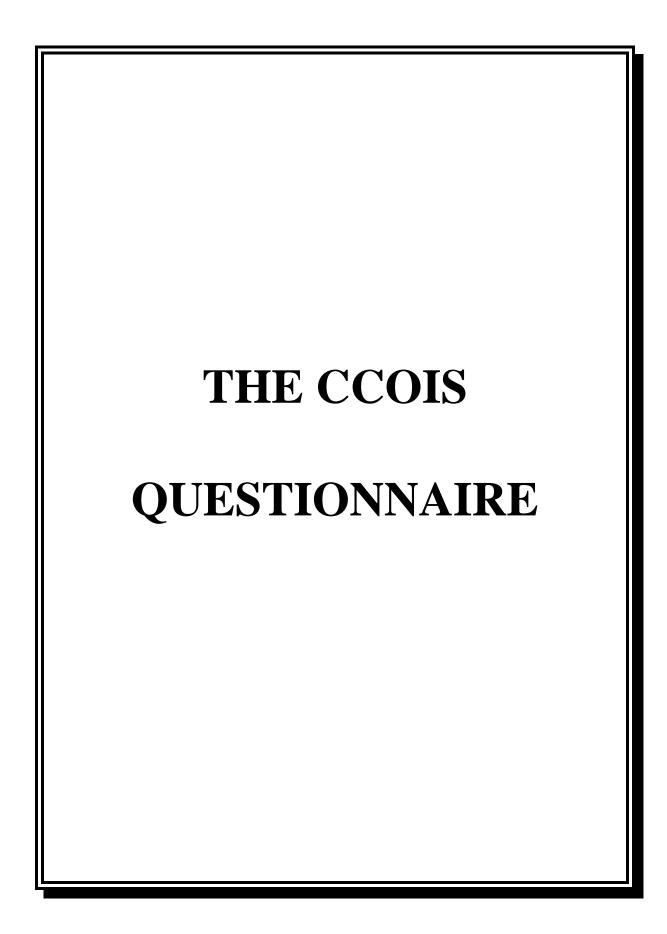
| | Ran | ige | Median |
|--------------------------------|---------|---------|----------|
| Entry Level/No Experience | \$ 5.50 | - 38.48 | \$ 10.15 |
| Experienced/New to Firm | \$ 6.00 | - 38.48 | \$ 12.43 |
| 3 + Years Experience with firm | \$ 7.01 | - 38.48 | \$ 13.07 |

^{*}A substantial portion of wages are from tips.

Many employers report 40 hour work weeks. Almost all have part-time positions averaging 22 hours per week.

Almost All employers report promotional opportunities.

| | FT | PT |
|-------------------------------|------------|------|
| Medical Insurance | All | None |
| Dental Insurance | Almost All | None |
| Life Ins., Paid Vacation, | Many | None |
| Vision Ins. & Paid Sick Leave | | |
| Retirement Plan | Some | None |
| Child Care | Few | None |





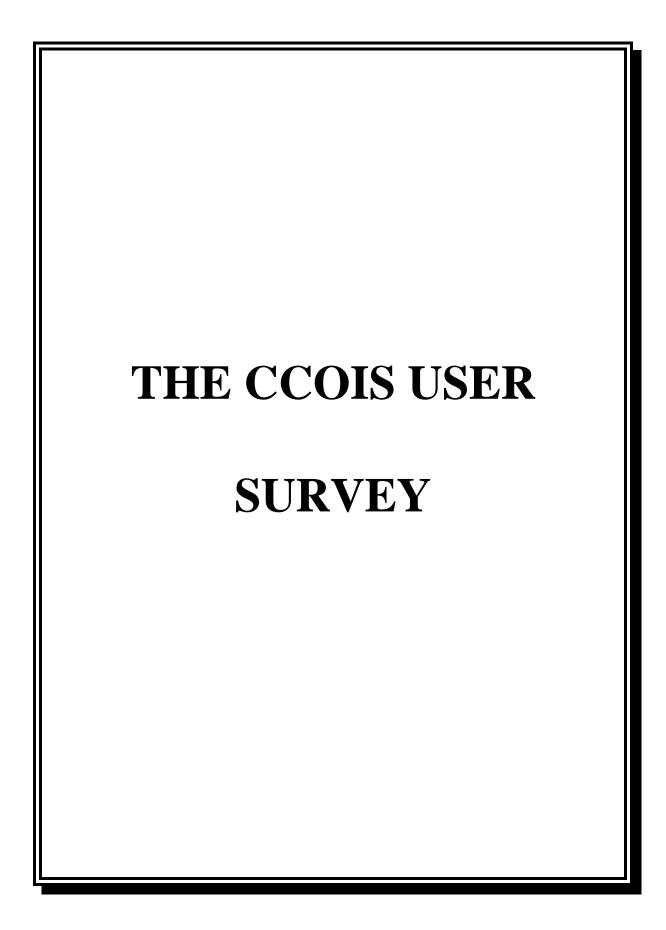
Please return completed questionnaire to:

Oakland Private Industry Council, Inc. 362 22nd St. -Attn: Toni M. McElroy Oakland CA 94612 3025

Phone: (510) 208-7363 Fax: (510) 839-3766

ALL RESPONSES ARE KEPT STRICTLY CONFIDENTIAL Whom should we contact with any further questions? NAME: POSITION: FAX: PHONE: Please complete this questionnaire for the occupation described below. If you have multiple locations, please confine your answers to locations in Alameda County. Please call the number above if you have questions. **CARPENTERS** Carpenters perform the carpentry duties necessary to make or repair wooden structures, structural members, and fixtures and equipment using carpentry tools and woodworking machines. Please do not include Cabinetmakers and Bench Carpenters. 1. What job title(s) do you use for these duties 2. How many employees do youcurrently have in this occupation? 010 How many of these fall within each of the following categories, and how many hours pweekdo they work, on average? NUMBER OF EMPLOYEES AVERAGE WEEKLY HOURS Regular, Full Time: 590 591 Regular, Part Time: 650 651 Temporary Or On-Call: 630 631 Seasonal: 611 3. Of the people you have hired into this occupation over the last 12 months, how many were hired to fill: vacancies resulting from promotions within your firm? 031 vacancies resulting from people in permanent positions leaving your firm? 032 new permanent positions resulting from growth? 030 temporary or seasonal positions? 4. Of the employees you currently have in this occupation, how many are: MALE? FEMALE? 5. During the last year, did your firm's employment in this occupation: (Please Check One) DECLINE 480 3 REMAIN STABLE 480 2 GROW | 480 1 481 Over the next three years, do you expect your firm's employment in this occupation to: (Please Check One) DECLINE 740 3 REMAIN STABLE 740 2 GROW 740 1 Why? 741 7. Are your employees in this occupation members of a union? (Please Check One) YES NO 300.2 8. For the people you hire into this occupation, is previous experience required? (Please Check One) NEVER **390** 4 SOMETIMES 390 3 USUALLY 390 2 **ALWAYS** 390 1 9. If you require previous experience, what jobs can it be in and how many months of experience meet your qualifications? 416 415 417 (Job Title) (Months of Experience) (Job title) (Months of Experience)

| 10. | How difficult is it to find fully experienced and qualified pplicants? (Please Check One) | | |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | NOT DIFFICULT | | |
| 11. | If you ever hire inexperienced applicants (trained or untrained), how difficult is it to find applicants who meet your hiring standards? (Please Check One) | | |
| | NOT DIFFICULT | | |
| 12. | s training acceptable as a substitute for experience? (Please Check One) | | |
| | NEVER | | |
| 13. | f training or certification is required prior to employment, please describe what is needed and how much. | | |
| (Training or Certification Needed) 153 (Months of Training or Certification Needed) | | | |
| 14. | What level of formal education do most of your recently hired employees in this occupation have? (Please Check One) | | |
| | LESS THAN HIGH SCHOOL | | |
| 15. | What type of computer software skills, if any, do you seek in applicants for this occupation? (Please check all that apply) | | |
| | WORD PROCESSING ☐ 051 SPREADSHEET ☐ 050 DATABASE ☐ 052 DESKTOP PUBLISHING ☐ 053 | | |
| | Other (Please Specify): 054 055 | | |
| 16. | Over the next three years, what new skills are needed to perform the functions of this occupation and what skills are becoming obsolete? OBSOLETE SKILLS: | | |
| | 460462 | | |
| | 461 463 | | |
| | What is the usual income earned by your employees in this occupation at the following levels of skill and experience? Please separate the base wage or salary from tips and commissions, if applicable. BASE WAGE OR SALARY TIPS OR COMMISSIONS New Hires With No Experience (Trained or Untrained): New Hires Who Are Experienced: Experienced Employees After Three Years With Your Firm: State of the following levels of skill and experience? BASE WAGE OR SALARY TIPS OR COMMISSIONS State of the following levels of skill and experience? Figure 1. The Separate the base wage or salary from tips and commissions, if applicable. | | |
| | Per: (Please Check One) HOUR 556 H WEEK 556 W HOUR 557 H WEEK 557 W MONTH 556 M YEAR 556 A MONTH 557 M YEAR 557 A | | |
| | Other(Please specify) | | |
| 18. | Does your firm offer benefits to employees in this occupation? (Please Check One) YES 589 1 NO 589 2 f yes, please specify: (Please Check All That Apply) | | |
| | FULL-TIME PART-TIME FULL-TIME PART-TIME | | |
| | MEDICAL INSURANCE 573 583 PAID SICK LEAVE 571 581 DENTAL INSURANCE 574 584 PAID VACATION 570 580 /ISION INSURANCE 575 585 RETIREMENT PLAN 572 582 LIFE INSURANCE 576 586 CHILD CARE 577 587 | | |
| | Other (Please Specify): 578 588 | | |
| 19. | Do you ever promote employees from this occupation to higher level position? (Please Check One) YES 514 1 NO 514 2 | | |
| | If yes, please specify:510 | | |
| 20. | When you recruit employees for this occupation, which of the following methods do ypcimarily use? (Check all that apply) EMPLOYEES' REFERRALS | | |
| | THANK YOU FOR YOUR COOPERATION ! | | |
| | Would you like to receive the outlook summary for this or any other occupation? (Please check one) YES 382 1 NO 382 2 | | |



Dear Information User:

The local efforts which produce this **Occupational Outlook Report** from the California Cooperative Occupational Information System (CCOIS) are supported financially by state and local agencies and employers. Your response to the following questions will help us to ensure our customers are satisfied with our products. Simply fold the postage-paid form in thirds, tape the top, and drop in a mailbox.

| Please enter the re | eport issue <u>year</u> on | the line next | to the Occupational | Outlook Rep | ort you are eval | uating: |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------|
| Year Alameda Butte Contra Costa Fresno Golden Sierr Humboldt Imperial Kern/Inyo/M | marin Marin Mendo Merce Monte Ono Mothe | ocino rey r Lode | Napa North Central No. California Counties Orange | SanSanSanSant | Francisco Joaquin Luis Obispo Mateo a Barbara a Clara (NOVA) | Year Santa Cruz Shasta Solano Sonoma Stanislaus Tulare Ventura |
| Career Co Classroom Compensa | unseling Training/Course Pro tion Decision N/Rehab/etc., Plan/R | ogram/Plannin | | Research To Business Lo Economic D | ool cation/Expansior evelopment | n |
| Wages and Ben Employment Ind | efitsTrends/ lustriesSkill Imp | Projections portance | Other (specify) | nal requiremer | nts, experience | (e.g. cost savings; numbe |
| What are your unn | net needs? | | | | | |
| What type of orga | nization best descr | ibes <u>your</u> org | ganization (<i>SELECT</i> | ONE): | | |
| School | | Private Business (other than Schools) | | ools) Gov | Government/Non-Profit (other than Schools) | |
| ☐ High School ☐ Community C ☐ College/Unive ☐ Adult Vocation (other than Co | ersity nal Education ommunity College) | ☐ Emplo | onal Rehabilitation Ag lyment Agency Private Business (spe | | Chamber of Co Public Rehabil Welfare/GAIN Other Governr | |
| Do you wish to co | ntinue receiving th | is report? ☐ | l Yes □ No, please | • | name from the r | nailing list. |
| Your Name Mailing Address City/State/Zip | | | Organizatio | | ne Number (|) |

Rev: 12/97

Thank you.

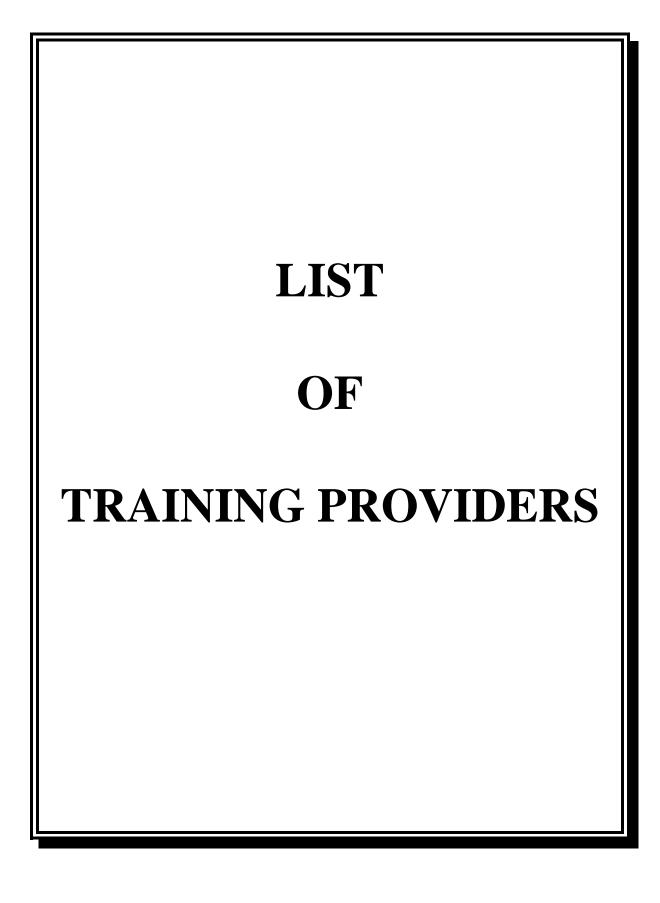
OCCUPATIONS SURVEYED SINCE 1992

OCCUPATIONS SURVEYED SINCE 1992 Sorted by Year and Occupation Name

| Year | Occupation |
|------|-------------------------------------------------------------|
| 1992 | AIRCRAFT ENGINE SPECIALISTS |
| | |
| 1992 | AIRCRAFT MECHANICS |
| 1992 | BIOLOGICAL, AGRICULTURAL, AND FOOD TECHNICIANS AND |
| 1002 | TECHNOLOGISTS - EXCEPT HEALTH |
| 1992 | BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS, INCLUDING |
| 4000 | BOOKKEEPERS |
| 1992 | CHEMICAL TECHNICIANS AND TECHNOLOGISTS - EXCEPT MEDICAL AND |
| | CLINICAL |
| 1992 | ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND |
| 4000 | TECHNOLOGISTS |
| 1992 | FIREFIGHTERS |
| 1992 | HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND |
| | INSTALLERS |
| 1992 | LEGAL SECRETARIES |
| 1992 | MACHINISTS |
| 1992 | MEDICAL AND CLINICAL LABORATORY ASSISTANTS |
| 1992 | NURSE AIDES |
| 1992 | PARALEGAL PERSONNEL |
| 1992 | PLUMBERS, PIPEFITTERS, AND STEAMFITTERS |
| 1992 | RECEPTIONISTS AND INFORMATION CLERKS |
| 1992 | SHEET METAL WORKERS |
| 1992 | SURGICAL TECHNICIANS |
| | |
| 1993 | BILL AND ACCOUNT COLLECTORS |
| 1993 | BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS |
| 1993 | CARPENTERS |
| 1993 | CASHIERS |
| 1993 | COMPUTER OPERATORS |
| 1993 | COMPUTER PROGRAMMERS, INCLUDING AIDES |
| 1993 | DATA PROCESSING EQUIPMENT REPAIRERS |
| 1993 | FOOD PREPARATION WORKERS |
| 1993 | FOOD SERVICE MANAGERS |
| 1993 | GUARDS AND WATCHGUARDS |
| 1993 | HOME HEALTH CARE WORKERS |
| 1993 | INSTRUCTIONAL AIDES |
| 1993 | LICENSED VOCATIONAL NURSES |
| 1993 | LOGDING MANAGERS |
| 1993 | MEDICAL ASSISTANTS |
| 1993 | NUMERICAL-CONTROL MACHINE-TOOL OPERATORS AND TENDERS-METAL |
| | AND PLASTIC |
| 1993 | PHYSICAL THERAPY AIDES |
| 1993 | PHYSICAL THERAPY ASSISTANTS |
| 1993 | RADIOLOGIC TECHNOLOGISTS, DIAGNOSTIC |
| 1993 | SECRETARIES, GENERAL |
| 1993 | STOCK CLERKS - STOCKROOM, WAREHOUSE, STORAGE YARD |
| 1993 | TRAFFIC, SHIPPING, AND RECEIVING CLERKS |
| 1993 | TRUCK DRIVERS - HEAVY OR TRACTOR TRAILER |
| 1993 | TRUCK DRIVERS, LIGHT - INCLUDE DELIVERY AND ROUTE WORKERS |
| | |

| 1994 | AUTOMOTIVE BODY AND RELATED REPAIRERS |
|--------------|-------------------------------------------------------------------------------------------|
| 1994 | AUTOMOTIVE MECHANICS |
| 1994 | BAKERS - BREAD AND PASTRY |
| 1994 | DENTAL ASSISTANTS |
| 1994 | DRAFTERS |
| 1994 | ELECTRICIANS |
| 1994 | ELECTRONIC HOME ENTERTAINMENT EQUIPMENT REPAIRERS |
| 1994 | EMERGENCY MEDICAL TECHNICIANS - I |
| 1994 | EMERGENCY MEDICAL TECHNICIANS - PARAMEDIC |
| 1994 | HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS HUMAN SERVICE WORKERS |
| 1994 1994 | LOAN AND CREDIT CLERKS |
| 1994 1994 | MAINTENANCE REPAIRERS - GENERAL UTILITY |
| 1994 1994 | MEDICAL SECRETARIES |
| 1994 | OFFSET LITHOGRAPHIC PRESS SETTERS AND SET-UP OPERATORS |
| 1994 | PERSONNEL CLERKS - EXCEPT PARYROLL AND TIMEKEEPING |
| 1994 | PHYSICAL THERAPISTS |
| 1994 | REGISTERED NURSES |
| 1994 | TELLERS |
| 1,,,, | |
| 1995 | ACCOUNTANTS AND AUDITORS |
| 1995 | ASSEMBLERS - ELECTRICAL AND ELECTRONIC EQUIPMENT - PRECISION |
| 1995 | BIOLOGICAL SCIENTISTS |
| 1995 | COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS |
| | MANAGERS |
| 1995 | COMPUTER ENGINEERS |
| 1995 | CONCRETE AND TERRAZO FINISHERS |
| 1995 | DATA ENTRY KEYERS - EXCEPT COMPOSING |
| 1995 | GENERAL OFFICE CLERKS |
| 1995 | INDUSTRIAL ENGINEERS - EXCEPT SAFETY |
| 1995 | JANITORS AND CLEANERS - EXCEPT MAIDS AND HOUSEKEEPING |
| | CLEANERS |
| 1995 | MACHINISTS |
| 1995 | MARKETING, ADVERTISING, AND PUBLIC RELATIONS MANAGERS |
| 1995 | NURSE AIDES |
| 1995 | PAINTERS, PAPERHANGERS - CONSTRUCITON AND MANAINTENANCE |
| 1995 | RECREATION WORKERS |
| 1995 | SALES REPRESENTATIVES - EXCEPT SCIENTIFIC AND RELATED PRODUCTS AND SERVICES AND RETAIL |
| 1995 | SOCIAL WORKERS - MEDICAL AND PSYCHIATRIC |
| 1995 | TEACHERS - SECONDARY SCHOOL |
| 1995 | TYPISTS, INCLUDING WORD PROCESSING |
| 1995 | VOCATIONAL AND EDUCATIONAL COUNSELORS |
| 1775 | VOCATIONAL AIND EDUCATIONAL COUNSELORS |
| 1996 | ADMINISTRATIVE SERVICES MANAGERS |
| 1996 | COUNTER AND RELATED CLERKS |
| 1996 | CREDIT CHECKERS |
| 1996 | EMPLOYMENT INTERVIEWERS - PRIVATE OR PUBLIC EMPLOYMENT |
| | SERVICES |
| 1996 | FINANCIAL MANAGERS |
| 1996 | FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS - PRODUCTION |
| | AND OPERATING WORKERS |
| 1996 | FLORAL DESIGNERS |
| 1996 | GARDENERS, GROUNDSKEEPERS, EXCEPT FARM |
| | |

| 1996 | GUARDS AND WATCHGUARDS |
|------|------------------------------------------------------------|
| 1996 | HAZARDOUS-WASTE MANAGEMENT SPECIALISTS |
| 1996 | MOBILE HEAVY EQUIPMENT MECHANICS |
| 1996 | MOTORCYCLE REPAIRERS |
| 1996 | ORDER CLERKS - MATERIALS, MERCHANDISE, AND SERVICE |
| 1996 | PEST CONTROLLERS AND ASSISTANTS |
| 1996 | PHARMACY ASSISTANTS |
| 1996 | PHOTOGRAPHERS |
| 1996 | PLASTIC MOULDING AND CASTING MACHINE OPERATORS AND TENDERS |
| 1996 | SURGICAL TECHNICIANS |
| 1996 | TAXI DRIVERS AND CHAUFFEURS |
| 1996 | TRAVEL AGENTS |
| 1996 | VETERINARY TECHNICIANS AND TECHNOLOGISTS |



LIST OF TRAINING PROVIDERS

Sorted by Occupation Name *this list is not all inclusive

| Occupation AUTOMECHANICS | Training Provider CHABOT COLLEGE LAS POSITAS COLLEGE AMERICAN VIET LEAGUE TRI-VALLEY ROP EDEN AREA ROP MISSION VALLEY ROC/P OAKLAND-ALAMEDA ROP | Phone Number 510-786-6600 510-373-5800 510-834-7971 510-455-4800 510-293-2900 510-657-1865 510-879-8474 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| CARPENTERS | LANEY COLLEGE CONSTRUCTION CRAFT TRAINING CENTER MISSION VALLEY ROC/P OAKLAND-ALAMEDA ROP | 510-466-7368 510-785-2282 510-657-1865 510-879-8474 |
| CONSTRUCTION MANAGERS | CHABOT COLLEGE TURNKEY CONSTRUCTION MANAGEMENT CONTRACTORS STATE LICENSE SCHOOLS EDEN AREA ROP | 510-786-6600 510-537-2338 510-562-8232 800-427-4855 510-293-2900 |
| ELECTRICIANS | CONSTRUCTION CRAFT TRAINING CENTER OAKLAND-ALAMEDA ROP | 510-785-2282 510-879-8474 |
| FILM EDITORS | LANEY COLLEGE PIEDMONT CITY UNIFIED SCHOOL DISTRICT TRI-VALLEY ROP MISSION VALLEY ROC/P OAKLAND-ALAMEDA ROP | 510-466-7368 510-420-3655 510-455-4800 510-657-1865 510-879-8474 |
| FOOD SERVICE MANAGERS | SPECTRUM COMMUNITY SERVICES INC. SANTA BARBARA BUSINESS COLLEGE, FREMONT BRANCH | 510-881-0300 510-793-4342 |
| HOME HEALTH CARE WORKERS | MERRITT COLLEGE NIGHTINGALE NURSING NCP VOCATIONAL SCHOOL ST. LUKE'S SUBACUTE HOSPITAL AND NURSING CENTER WE CARE SCHOOL OF NURSING ASSISTANTS OAKLAND UNIFIED SCHOOL DIST. ADULT EDUCATION DEPT. | 510-531-4911 510-635-4222 510-792-0799 510-357-5351 510-471-2291 510-879-8146 |

| | TRI-VALLEY ROP | 510-455-4800 |
|------------------------|-------------------------------|---------------------------|
| HOME HEALTH CARE | EDEN AREA ROP | 510-293-2900 |
| WORKERS (CONT.) | MISSION VALLEY ROC/P | 510-657-1865 |
| | | |
| LOAN OFFICERS AND | LANEY COLLEGE | 510-466-7368 |
| COUNSELORS | BERKELEY ADULT SCHOOL | 510-644-6130 |
| | | |
| LOCAL AREA NETWORK | CALIFORNIA STATE UNIVERSITY, | 510-885-3000 |
| MANAGERS | HAYWARD | |
| | CHABOT COLLEGE | 510-786-6600 |
| | LANEY COLLEGE | 510-466-7368 |
| | VALLECITOS CET INC. | 510-537-8400 |
| | PROJECT JOY(JOB OPPORTUNITIES | 510-569-8088 |
| | FOR YOUTH) | |
| | HEALD INSITUTE OF TECHNOLOGY | 510-783-2100 |
| | INTER-CITY SERVICES INC. | 510-655-3552 |
| | LAS POSITAS COLLEGE | 510-373-5800 |
| | TURNKEY CONSTRUCTION | 510-537-2338 |
| | MANAGEMENT | |
| | AMERICAN VIET LEAGUE | 510-834-7971 |
| | VALLECITOS CET INC. | 510-547-8550 |
| | UNIVERSITY OF PHOENIX | 510-847-7640 |
| | NORTHERN | 408-435-8500 |
| | BUSINESS EDUCATION | 510-986-6710 |
| | TECHNOLOGIES | |
| | UNIVERSITY OF CALIFORNIA | 510-642-4111 |
| | EXTENSION, BERKELEY | |
| | HAYWARD ADULT EDUCATION | 510-293-8595 |
| | PIEDMONT CITY UNIFIED SCHOOL | 510-420-3655 |
| | DIST. | |
| | TRI-VALLEY ROP | 510-455-4800 |
| | MISSION VALLEY ROC/P | 510-657-1865 |
| | UNIVERSITY OF CALIFORNIA, | 510-642-6000 |
| | BERKELEY | |
| | | |
| MAIDS AND HOUSEKEEPING | VALLECITOS CET INC. | 510-537-8400 |
| CLEANERS | OAKLAND UNIFIED SCHOOL DIST. | 510-879-8146 |
| | ADULT EDUCATION DEPT. | |
| | | |
| MANAGEMENT ANALYSTS | CALIFORNIA STATE UNIVERSITY, | 510-885-3000 |
| | HAYWARD | |
| | CHABOT COLLEGE | 510-786-6600 |
| | LANEY COLLEGE | 510-466-7368 |
| | HEALD BUSINESS COLLEGE | 510-444-0201 |
| | HOLY NAMES COLLEGE | 510-436-1131 |
| | VISTA COMMUNITY COLLEGE | 510-841-8431 |
| | SANTA BARBAR BUSINESS COLLEGE | |
| | FREMONT BRANCH | , : ::= := : = |
| | LAS POSITAS COLLEGE | 510-373-5800 |
| | UNIVERSITY OF PHOENIX | 510-847-7640 |
| | NORTHERN | 408-435-8500 |
| | UNIVERSITY OF CALIFORNIA | 510-642-4111 |
| | EXTENSION, BERKELEY | |
| | OAKLAND-ALAMEDA ROP | 510-879-8474 |
| | | |

| OCCUPATIONAL THERAPISTS | SAMUEL MERRITT COLLEGE | 510-869-6511 |
|---------------------------------------|--------------------------------------------------|------------------------------|
| PAYROLL AND | CHABOT COLLEGE | 510-786-6600 |
| TIMEKEEPING CLERKS | SPECTRUM COMMUNITY SERVICES | 510-881-0300 |
| | INC. | |
| | SANTA BARBAR BUSINESS COLLEGE, | 510-793-4342 |
| | FREMONT BRANCH | £10 272 £900 |
| | LAS POSITAS COLLEGE ALAMEDA COMPUTER CENTER | 510-373-5800 510-865-9985 |
| | AMERICAN VIET LEAGUE | 510-834-7971 |
| | HAYWARD ADULT EDUCATION | 510-293-8595 |
| | NEWARK UNIFIED SCHOOL DIST. | 510-794-2039 |
| | PIEDMONT CITY UNIFIED SCHOOL | 510-420-3655 |
| | DIST. | 310 120 3033 |
| | MISSION VALLEY ROC/P | 510-657-1865 |
| | OAKLAND-ALAMEDA ROP | 510-879-8474 |
| | | |
| PROPERTY AND REAL ESTATE MANAGERS AND | CALIFORNIA STATE UNIVERSITY, HAYWARD | 510-885-3000 |
| ADMINISTRATORS | CHABOT COLLEGE | 510-786-6600 |
| | LANEY COLLEGE | 510-466-7368 |
| | ANTHONY SCHOOLS OF NORTHERN | 510-416-1940 |
| | CALIFORNIA | |
| | CALIFORNIA SCHOOL OF REAL | 510-568-6460 |
| | ESTATE | 510 652 2112 |
| | CONTRACTORS LICENSE COURSES | 510-652-3113 |
| | OF CALIFORNIA | 510 707 2100 |
| | CENTURY 21 REAL ESTATE OF NORTHERN CALIFORNIA | 510-796-2100 |
| | CENTURY 21 REAL ESTATE OF | 510-888-3333 |
| | NORTHERN CALIFORNIA | 310-000-3333 |
| | CENTURY 21 REAL ESTATE OF | 510-796-3300 |
| | NORTHERN CALIFORNIA | 310-770-3300 |
| | CENTURY 21 REAL ESTATE OF | 510-530-9494 |
| | NORTHERN CALIFORNIA | 310 330 7171 |
| | CENTURY 21 REAL ESTATE OF | 510-490-8333 |
| | NORTHERN CALIFORNIA | |
| | CENTURY 21 OF THE WEST INC. | 510-846-3292 |
| | CENTURY 21 OF THE WEST INC. | 510-276-2020 |
| | CENTURY 21 OF THE WEST INC. | 510-487-3040 |
| | CENTURY 21 OF THE WEST INC. | 510-932-6161 |
| | CENTURY 21 OF THE WEST INC. | 510-582-6474 |
| | MASON McDUFFIE SCHOOL OF | 510-279-0560 EXT.223 |
| | REAL ESTATE | |
| SOCIAL WORKERS - | CALIFORNIA STATE UNIVERSITY, | 510-885-3000 |
| MEDICAL AND PSYCHIATRIC | | 210 002 3000 |
| MEDICAL AND ISTERNATION | VISTA COMMUNITY COLLEGE | 510-841-8431 |
| | CALIFORNIA INSTITUTE FOR | 510-528-8422 |
| | CLINICAL SOCIAL WORK | |
| | UNIVERSITY OF CALIFORNIA, | 510-642-6000 |
| | BERKELEY | |

| SYSTEMS ANALYSTS - ELECTRONIC DATA | CHABOT COLLEGE LANEY COLLEGE | 510-786-6600 510-466-7368 |
|---------------------------------------|--------------------------------|------------------------------|
| PROCESSING | VALLECITOS CET INC. | 510-537-8400 |
| | PROJECT JOY (JOB OPPORTUNITIES | 510-569-8088 |
| | FOR YOUTH) | |
| | HEALD INSTITUTE OF TECHNOLOGY | 510-783-2100 |
| | INTER-CITY SERVICES INC. | 510-655-3552 |
| | LAS POSITAS COLLEGE | 510-373-5800 |
| | TURNKEY CONSTRUCTION | 510-537-2338 |
| | MANAGEMENT | |
| | AMERICAN VIET LEAGUE | 510-834-7971 |
| | VALLECITOS CET INC. | 510-547-8550 |
| | UNIVERSITY OF CALIFORNIA | 510-642-4111 |
| | EXTENSION, BERKELEY | 510-293-8595 |
| | HAYWARD ADULT EDUCATION | |
| | PIEDMONT CITY UNIFIED SCHOOL | 510-420-3655 |
| | DIST. | |
| | TRI-VALLEY ROP | 510-455-4800 |
| | MISSION VALLEY ROC/P | 510-657-1865 |
| | UNIVERSITY OF CALIFORNIA, | 510-642-6000 |
| | BERKELEY | 213 012 0000 |
| | DERINDEL I | |

For information on other occupations in Alameda County, please call the Oakland Private Industry Council at 510-891-9393.